

**Request to Archive
With The National Centers for Environmental Information
For California Current Ecosystem LTER
Provided by CCE LTER**

2016-03-03

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

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Information Manager
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2. Name the organization or group responsible for creating the dataset.

California Current Ecosystem LTER

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

I wish to archive raw CTD data file output (Seabird, i.e. .hex, .hdr, etc.) from 6 cruises to begin with, and more cruises to come. An NSF representative has requested that we submit this data for long-term archiving. Each cruise has about 580MB worth of data (uncompressed).

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2007-04-01
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

N/A

6. Approximate date when the dataset was or will be released to the public:

2016-03-31

7. Who are the expected users of the archived data? How will the archived data be used?

No current users expected, except that NSF will confirm that these data have been archived with a long-term center.
Possibly different users in the future

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

N/A

10. List the input datasets and ancillary information used to produce the data.

Data are from Seabird CTD instrumentation deployed on ~30-day oceanographic research cruises.

11. List web pages and other links that provide information on the data.

<http://cce.lternet.edu/>

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. Calibration sheets, configuration files

13. Indicate the data file format(s).

1. ASCII

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Seabird data output files: http://www.seabird.com/sites/default/files/documents/SBEDataProcessing_7.23.2.pdf

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

I can send sample data

17. What is the total data volume to be submitted?

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 600MB per Year

Data File Frequency: 3000 per Year

Data Production Start: 2007-04-01

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

New data is expected to be submitted, but not updates to submitted data unless a major issue is identified. But this is not expected as these are raw output files.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: La Jolla, CA

System Name: vsurf

System Owner: CCE LTER

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL

2. FTP PUSH

3. SFTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Direct download links

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

An NSF representative has suggested we archive these data with this group. It's primary purpose is for the long-term preservation and access to data funded by NSF.

24. Are the data archived at another facility or are there plans to do so? Please explain.

No

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

An email was sent to NCEI and the reply said to begin this process through this method.

26. Do you have a data management plan for your data?

The majority of our data are archived through the Long Term Ecological Research Network's Network Information System (<https://portal.lternet.edu/nis/home.jsp>). An NSF representative has said that our raw CTD data should be archived with your group.

27. Have funds been allocated to archive the data at NCEI?

Funds are allocated for my salary, as the Information Manager for the group to archive the project's data.

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

California Current Ecosystem LTER (<http://cce.lternet.edu/>). NSF grants NSF/OCE-04-17616 and NSF/OCE-10-26607.

29. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2016-03-31

Accessible by: 2016-03-31

30. Add any other pertinent information for this request.

None